

Serial Number: 10087,273

CRF Processing Date: 9/17/2002 0590
Edited by: DC
Verified by: (STIC staff) 0830

01PE

5

 Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: **ENTERED** Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____. Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____. Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically:
Re-aligned amino numbering in Seq. 2 Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: Other:



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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/087,273

DATE: 09/17/2002
TIME: 16:22:08

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\09172002\J087273.raw

3 <110> APPLICANT: Gordon, John R.
 4 Li, Fang
 6 <120> TITLE OF INVENTION: HIGH-AFFINITY ANTAGONISTS OF ELR-CXC CHEMOKINES
 8 <130> FILE REFERENCE: 47957
 10 <140> CURRENT APPLICATION NUMBER: US 10/087,273
 C--> 11 <141> CURRENT FILING DATE: 2002-08-23
 13 <150> PRIOR APPLICATION NUMBER: US 60/273,181
 14 <151> PRIOR FILING DATE: 2001-03-01
 16 <160> NUMBER OF SEQ ID NOS: 8
 18 <170> SOFTWARE: PatentIn version 3.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 72
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Bos taurus
 25 <400> SEQUENCE: 1
 26 Thr Glu Leu Arg Cys Gln Cys Ile Arg Thr His Ser Thr Pro Phe His
 27 1 5 10 15
 29 Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Pro Pro His Cys
 30 20 25 30
 32 Glu Asn Ser Glu Ile Ile Val Lys Leu Thr Asn Gly Asn Glu Val Cys
 33 35 40 45
 35 Leu Asn Pro Lys Glu Lys Trp Val Gln Lys Val Val Gln Val Phe Val
 36 50 55 60
 38 Lys Arg Ala Glu Lys Gln Asp Pro
 39 65 70
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 74
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Bos taurus
 46 <400> SEQUENCE: 2
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 48 1 5 10 15
 50 Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro
 51 20 25 30
 53 His Cys Glu Asn Ser Glu Ile Ile Val Lys Leu Thr Asn Gly Asn Glu
 54 35 40 45
 56 Val Cys Leu Asn Pro Lys Glu Lys Trp Val Gln Lys Val Val Gln Val
 57 50 55 60
 59 Phe Val Lys Arg Ala Glu Lys Gln Asp Pro
 60 65 70
 62 <210> SEQ ID NO: 3
 63 <211> LENGTH: 222
 64 <212> TYPE: DNA

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/087,273

DATE: 09/17/2002
TIME: 16:22:08

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\09172002\J087273.raw

65 <213> ORGANISM: Bos taurus
 67 <220> FEATURE:
 68 <221> NAME/KEY: CDS
 69 <222> LOCATION: (1)..(222)
 70 <223> OTHER INFORMATION:
 72 <400> SEQUENCE: 3
 73 atg agt aca gaa ctt cga tgc caa tgc ata aaa aca cat tcc aca cct 48
 74 Met Ser Thr Glu Leu Arg Cys Gln Cys Ile Lys Thr His Ser Thr Pro
 75 1 5 10 15
 77 ttc cac ccc aaa ttt atc aaa gaa ttg aga gtt att gag agt ggg cca 96
 78 Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro
 79 20 25 30
 81 cac tgt gaa aat tca gaa atc att gtt aag ctt acc aat gga aac gag 144
 82 His Cys Glu Asn Ser Glu Ile Ile Val Lys Leu Thr Asn Gly Asn Glu
 83 35 40 45
 85 gtc tgc tta aac ccc aag gaa aag tgg gtg cag aag gtt gtg cag gta 192
 86 Val Cys Leu Asn Pro Lys Glu Lys Trp Val Gln Lys Val Val Gln Val
 87 50 55 60
 89 ttt gtg aag aga gct gag aag caa gat cca 222
 90 Phe Val Lys Arg Ala Glu Lys Gln Asp Pro
 91 65 70
 93 <210> SEQ ID NO: 4
 94 <211> LENGTH: 216
 95 <212> TYPE: DNA
 96 <213> ORGANISM: Bos taurus
 98 <220> FEATURE:
 99 <221> NAME/KEY: CDS
 100 <222> LOCATION: (1)..(216)
 101 <223> OTHER INFORMATION:
 103 <400> SEQUENCE: 4
 104 aca gaa ctt cga tgc caa tgc ata aga aca cat tcc aca cct ttc cac 48
 105 Thr Glu Leu Arg Cys Gln Cys Ile Arg Thr His Ser Thr Pro Phe His
 106 1 5 10 15
 108 ccc aaa ttt atc aaa gaa ttg aga gtt att gag agt ccg cca cac tgt 96
 109 Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Pro Pro His Cys
 110 20 25 30
 112 gaa aat tca gaa atc att gtt aag ctt acc aat gga aac gag gtc tgc 144
 113 Glu Asn Ser Glu Ile Ile Val Lys Leu Thr Asn Gly Asn Glu Val Cys
 114 35 40 45
 117 tta aac ccc aag gaa aag tgg gtg cag aag gtt gtg cag gta ttt gtg 192
 118 Leu Asn Pro Lys Glu Lys Trp Val Gln Lys Val Val Gln Val Phe Val
 119 50 55 60
 121 aag aga gct gag aag caa gat cca 216
 122 Lys Arg Ala Glu Lys Gln Asp Pro
 123 65 70
 125 <210> SEQ ID NO: 5
 126 <211> LENGTH: 45
 127 <212> TYPE: DNA
 128 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/087,273

DATE: 09/17/2002
TIME: 16:22:08

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\09172002\J087273.raw

130 <220> FEATURE:
131 <223> OTHER INFORMATION: upstream primer
133 <400> SEQUENCE: 5
134 cagaacttcg atgccagtgc ataagatcat tttccacacc tttcc 45
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137 <211> LENGTH: 43
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: upstream primer
144 <400> SEQUENCE: 6
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148 <211> LENGTH: 43
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: upstream primer
155 <400> SEQUENCE: 7
156 gagagttatt gagagtgggg gacactgtga aaattcagaa atc 43
159 <210> SEQ ID NO: 8
160 <211> LENGTH: 43
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: upstream primer
167 <400> SEQUENCE: 8
168 gagagttatt gagagtccgg gacactgtga aaattcagaa atc 43

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/087,273

DATE: 09/17/2002
TIME: 16:22:09

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\09172002\J087273.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date



OIPE

**Does Not Comply
Corrected Diskette Needed**

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/087,273

DATE: 09/09/2002
TIME: 10:26:41

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\09092002\J087273.raw

3 <110> APPLICANT: Gordon, John R.
4 Li, Fang
6 <120> TITLE OF INVENTION: HIGH-AFFINITY ANTAGONISTS OF ELR-CXC CHEMOKINES
8 <130> FILE REFERENCE: 47957
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C--> 11 <141> CURRENT FILING DATE: 2002-08-23
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16 <160> NUMBER OF SEQ ID NOS: 8
18 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

41 <210> SEQ ID NO: 2
42 <211> LENGTH: 74
43 <212> TYPE: PRT
44 <213> ORGANISM: Bos taurus
46 <400> SEQUENCE: 2
47 Met Ser Thr Glu Leu Arg Cys Gln Cys Ile Lys Thr His Ser Thr Pro 1 -
E--> 48 5 10 15
50 Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro
E--> 51 20 25 30
53 His Cys Glu Asn Ser Glu Ile Ile Val Lys Leu Thr Asn Gly Asn Glu
E--> 54 35 40 45
56 Val Cys Leu Asn Pro Lys Glu Lys Trp Val Gln Lys Val Val Gln Val
E--> 57 50 55 60
59 Phe Val Lys Arg Ala Glu Lys Gln Asp Pro
E--> 60 65 70

Amino numbering misaligned

insert hard return

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/087,273

DATE: 09/09/2002
TIME: 10:26:42

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\09092002\J087273.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:48 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
M:332 Repeated in SeqNo=2
L:60 M:252 E: No. of Seq. differs, <211>LENGTH:Input:74 Found:58 SEQ:2